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INFORMATION DISCLOSURE 03/30/2004 First Named Inventor Justin Azriel Okun STATEMENT BY APPLICANT Art Unit **Examiner Name** 

(Use as many sheets as necessary) Attorney Docket Number | AWK03-060 Sheet 1 1

Examiner	Cite	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Dogge Columns Lines Mines	
Initials* No.1		Number-Kind Code <sup>2 (2 known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
TB		<sup>US-</sup> 4,881,230	11/14/1989	Clark et al.		
		US- 6,023,507	02/08/2000	Wookey		
		<sup>US-</sup> 6,154,128	11/28/2000	Wookey et al.		
		US- 6,182,249	01/30/2001	Wookey et al.		
		US- 6,237,114	05/22/2001	Wookey et al.		
		us- 6,263,452	07/17/2001	Jewett et al.	· · · · · · · · · · · · · · · · · · ·	
1/		US- 6,550,017	04/15/2003	Moiin et al.		
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
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•			U.S.	PATENT DOCU	<u>'</u>	,		
Examiner Initials		Document Number	Date	Name	2	Class	Subclass	Filing Date If Appropria
TB	Α	4,122,158	10/1978	Schmitt		424	27	
	В	5,098,417	03/1992	Yamazaki et al		604	304	
	С	5,227,157	07/1993	McGinity et al.		424	78.02	
	D	5,364,638	11/1994	Sugo		424	78.17	
-	Е	5,624,704	04/1997	Darquiche et al		427	2.24	
	F	5,688,516	11/1997	Raad et al.		424	409	
	G	5,744,155	04/1998	Friedman et al		424	434	
	Н	6,165,484	12/2000	Raad et al		424	405	
	I	6,267,979	07/2001	Raad et al	**************************************	424	405	
	J	6,270,781	08/2001	Gehisen		424	401	
	К	6,413,556	07/2002	Bathurst et al		424	757	
, ,	L	6,509,979	01/2002	Raad et al		514	31	
·W	М	2003/0032605	02/2003	Raad et al		514	28	
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	l	OTHER DOC	UMENTS	S (Including Author, I	Title, Date, Per	tinent Pa	ges, etc.	<u> </u>
TB	N			B. Regulation of Chro on. Antimicrob. Agen				
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	P	Bayer, M. E. & Leive L. Effect of Ethlyenediamintetraacetate Upon the Surface of Escherichia
TB		coli. J. Bacteriol. 130, (1364-1381. 1977).
TB		Bjorling, D. E. &. Wooley R. E. EDTA-Tromethamine Lavage as an Adjunct Treatment for Multiple Fistulas in a Dog. J. Am. Vet. Med. Assoc. 181, 596-597. (1982).
тв		Blue, J. L., Wooley R. E. & Eagon, R. G. Treatment of Experimentally Induced Pseudomonas aeraginosa Otitis Externa in the Dog by Lavage with EDTA-Tromethamine Lysozyme. Am. J. Vet. Res. 35, 1221-1223. (1974).
TB		Brown, M. R. W. & Richards, M. E. Effect of Ethylenediaminetetraacetate on the resistance of Pseudomonas aeruginosa to antibacterial agents. Nature (London). 207, 1391-1393. (1965).
TB	Т	Farca, A. M., Nebbia, P. & Re, G. Potentiation of the In Vitro Activity of Some Antimicrobial Agents against Selected Gram-Negative Bacteria by EDTA-Tromethamine. Vet. Res. Comm. 17, 77-84. (1993).
TB	U	Gerberick, G. F. & Castric, P. A. In vitro Susceptibility of Pseudomonas aeruginosa to Carbenicillin, Glycine, and Ethylenediaminetetraacetic Acid Combinations. Antimicrob. Agents & Chemotherapy. 17, 732-733 (1980).
TB	V	Goldschmidt, M. C., Kuhn, C. R., Perry, K. & Johnson, D. E. EDTA and Lysozyme Lavage in the Treatment of Pseudomonas and Coliform Bladder Infections. J. Urol. 107, 969-972. (1972).
TB		Goldschmidt, M. C. & Wyse, O. The vole of Tris in EDTA Toxicity and Lysozyme Lysis. J. Gen. Microbiol. 47, 421-431 (1967).
TB		Kreig, D.P., Bass, .A. & Mattingly, S.J. Phosphorylcholine stimulates Capsule Formation of Phosphate-Limited Mucoid Pseudonionas aexuginosa. Infect. Immun. 56, 864-873 1988).
TB		Leive, L. A Nonspecific Increase in Permeability in Escherichia coli Produced by EDTA. Proc. Nat. Acad. Sci. USA.53,745-750 (1968).
TB	Z	Leive, L., Shovlin, V. K. & Mergenhagen, S. E. Physical, Chemical, and Immunological Properties of Lipopolysaccharide Released from Escherichia coli by Ethylenediaminetetraacetate. Biol. Chem. 243, 6384-6391 (1968).
TB		Monkhouse, D. C. & Grayes, G. A. The Effect of EDTA on the Resistance of Pseudomonas aeruginosa to Benzalkonium, Chloride. Aust. J. Pharm. 48, 570-575 (1967)
ТВ		Roberts, N. A., Gray, G. W. & Wilkinson, S. C. The Bactericidal Action of Ethylenediamine-tetra-acetle Acid on Pseudomonas aeruginosa. Microbios 7-8, 189-208. (1970).
TB	CC	Russel, A. D. Effect of Magnesium Ions & Ethylenediaminetetraacetic acid on the Activity of Vancomycin against Escherichia coli and Staphylococcus aureus. J. Appl. Racteriol. 30, 395-401 (1967).
ТВ	DD	Sabath, L. D. Synergy of Antibacterial Substances by Apparently Known Mechanisms.  Antimicrob. Agents & Chemotherapy. 210-217 (1967).
TB		Sparks, T. A., Kemp, D. T., Wooley R. E. & Gibbs, P. S. Antimicrobial Effect of Combinations of EDTA-Tris and Amikacin or Neomycin on the Microorganisms Associated with Otitis Externa in Dogs. Vet. Res. Comm. 18, 241-249 (1994).

\		
	FF	Wooley, R. E., Berman, A. P. & Shotts Jr, E. B. Antibiotic-Tromethamine-EDTA Lavage for the Treatment of Bacterial Rhinitis in a Dog. J. Am. Vet. Med. Assoc. 75, 817-818 (1979).
		Wooley, R. E. & Blue, J. L. In Vitro Effect of EDTA-Tris-Lysozyme Solutions on Selected Pathogenic Bacteria. J. Med. Microbiol.8, 189-194 (1974).
·	НН	Wooley, R. E., Blue, J. L., Scott, T. A. & Belcher, M K. Attempt to Induce Pseudomonas pyoderma in the Dog. Am. J. Vet. Res. 35, 807-810 (1974).
•	П	Wooley, R. E., Dickerson, H. W., Siramens, K. W., Shotts Jr., E. B. & Brown, J. Effect of EDTA- Tris on an Escherichia coli Isolate Containing R Plasmids. Vet. Microbjol. 12, 65-75 (1986).
	. ]]	Wooley, R. E. & Jones, M. S. Action of EDTA-Tris and Antimicrobial Agent Combinations on Selected Pathogenic Bacteria. Vet. Microbiol. 8, 271-280 (1983).
	KK	Wooley, R. E., Jones, M. S. & Shotts Jr., E. B. Uptake of Antibiotics in Gram-negative Bacteria Exposed to EDTA-Tris. Vet. Microbiol. 10, 57-70 (1984).
	LL	Wooley, R. E., Jones, M.S., Gilbert, J. P. & Shotts Jr., E.B. In Vitro Action of Combinations of Antimicrobial Agents and EDTA-Tromethamine on Escherichia coli. Am. J. Vet. Res. 44, 1154-1158 (1983a).
	MM	Wooley, R. E., Jones, M. S., Gilbert, J. P. & Shorts Jr., E. B. In Vitro Action of Combinations of Antimicrobial Agents with EDTA Tromethamine on Proteus vulgaris of Canine Origin. Am. J. Vet. Res. 45, 1451-1454 (1984).
	NN	Wooley, R. E., Jones, M. S., Gilbert J. P. & Shotts Jr., E. B. In Vitro Action of Combinations of Antimicrobial Agents and EDTA-Tropiethamine on Pseudomonas aeruginosa. Am. J. Vet. Res. 44, 1521-1524 (1983b).
·	00	Wooley, R. E., Jones, M. S., Gilbert J. P., & Shous Jr., E. B. In Vitro Effect of Combinations of Antimicrobial Agents and EDTA-Tromethamine on certain gram-positive Bacteria. Am. J. Vet. Res. 44, 2167-2169 (1983c)
•	PP	Wooley, R. E., Schall, W.D., Eagon, R. G. & Scott, A. A.S. Efficacy of EDTA-Tris-Lysozyme Lavage in the Treatment of Experimentally Induced Pseudomonas aeruginosa Cystitis in the Dog. Am. J. Vet. Res. 35, 17-29 (1974).
	QQ	Youngquist, R.S. Pseudomonas metritis in a mare. Vet. Med./Small An. Clinician 70, 340-342 (1975).
	RR	Wooley, R.E., Sander, J.E., Maurer, J.J., Gibbs, P.S. In Vitro Effect of Ethylenediaminetetraacetic Acid-Tris on the Efficacy of Hatchery Disinfectants. Avian Diseases 44, 901-906 (2000).
	SS	Wooley, R.E., Blue, J.L., Campbell, L.M., Attempted Reversal of Oxytetracycline Resistance of Profeus mirabilis by EDTA-Tromethamine Lavage in Experimentally Induced Canine and Feline Cystitis. Am. J. Vet. Res. 36, 1533-1535 (1975).
	TT	Wooley, R.E., Gilbert, J.P., Shotts, Jr., E.B., Inhibitory Effects of Combinations of Oxytetracycline, Dimethyl Sulfoxide, and EDTA-Tromethamine on Escherichia coli. Am. J. Vet. Res. 42, 2010-2013(1981).